

PRISM SOLAR S

- > Available in both single-phase and three-phase versions, up to 32A
- > Cable-free, with type 2S socket
- > Equipped with shutter for the highest safety degree



FEATURES



- > Load balancing
- > Universal device / suitable for all vehicles
- > Synergy with photovoltaic systems
- > Single installation (wall or pole stand), in clusters of up to 5 Prisms or up to 30 Prisms with 1000A sensors (optional)
- > Easy and guaranteed connection via Ethernet, WIFI or GSM (optional)
- > Communicates via OCPP 1.6J, MQTT, ModBus RS485

PRISM SOLAR S DATASHEET

TECHNICAL SPECIFICATIONS

Input	Connected to the AC power grid permanently
Output	AC
Environmental conditions	Operating temperature range: -25°C to +40°C Range di
	Storage temp. range: -30°C to +60°C
	Relative humidity: max. 100% at 25°C
	Indoor and outdoor use
Access	Both public and private
Mounting	Surface mounting on walls, poles or equivalent places
Electrical safety rating	Class I
Protection class/rating	IP55, IK10
Charging modes	Mode 3
Protection devices	RCM 6mA DC / 20mA AC
Ventilation	Not supported
Altitude	≤ 2000 m

VERSION

SINGLE-PHASE

THREE-PHASE

Dimensions	263 x 238 x 88 mm	
Weight (kg)	2,0	2,2
Materials	ABS Bayblend	
Standard	IEC 61851-1:2019	
Power supply	230V AC	230V/400V AC
Connector type	Type 2S socket, with shutter	
Current consumption (max)	32A	
Self-consumption	Stand-by 2,5W - Max. 7,5W	
Network frequency	50 Hz - 60 Hz	
Charging power (max)	7,4 kW	22 kW
Inputs	Lever clamps 2.5-10 mm ²	
Connectivity	Ethernet / Wi-Fi / GSM (LTE)	
Wi-Fi Frequency	2.4 GHz	
Transmission (max)	300Mb/s	
Maximum radio power	20dBm	
Communication protocols	OCPP 1.6J, MQTT, ModBus RS485	

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